

**Babcock Power Inc.**

### **OFA Control Logic**

- ❑ Desired OFA flow is achieved by decreasing the windbox combustion air damper settings
- ❑ OFA flow control loop is superimposed on existing logic to control windbox combustion air damper setting as a function of pulverizer loading
- ❑ OFA mass flow signals from (4) CAMS are summed and compared to the OFA/total combustion air (TCA) flow ratio set point curve
  - ✓ limit provided on ratio to prevent excessive staging
  - ✓ limits provided on windbox combustion air damper position to prevent excessive closure

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